| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------------------|---------|------------------|
| | | "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) same (heat\$ anneal\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:20 |
| | | (indium adj nitride inn) same c with axis same "111" same ((ysz ytrium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 14:43 |
| | | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride) and and ("111") | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:34 |
| | | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride) and (zno\$ zinc adj oxide zn adj o) and (axis and plane) and | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:46 |
| L1 | 3590 | "438"/\$.ccls. and (zno zinc adj oxide) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 21:53 |
| L2 | 649 | "438"/\$.ccls. and (zno zinc adj oxide)same (heat\$4 anneal\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 21:54 |
| L3 | 2498534 | "438"/\$.ccls. and (zno zinc adj oxide)same (heat\$4 anneal\$4)(smooth\$4 planar\$ flat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 21:54 |
| L4 | 58 | "438"/\$.ccls. and (zno zinc adj oxide)same (heat\$4 anneal\$4) same (smooth\$4 planar\$ flat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:00 |
| L5 | 25 | "438"/\$.ccls. and (zno zinc adj oxide)same (heat\$4 anneal\$4) with (smooth\$4 planar\$ flat\$4) | US-PGPUB; USPAT; USOCR | OR . | ON | 2006/09/24 22:27 |
| L6 | 3 | "6806503" | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:14 |
| L7 | 670 | "438"/\$.ccls. and (zno zinc adj oxide) same (step\$4 terrac\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:18 |
| L8 | 54 | "438"/\$.ccls. and (zno zinc adj oxide) same (step\$4 terrac\$4) same (heat4 anneal\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:19 |
| L9 | 0 | "438"/\$.ccls. and (zno zinc adj oxide) same (terrac\$4) same (heat4 anneal\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:19 |
| L10 | 90612 | "438"/\$.ccls. and (zno zinc adj oxide) same (terrac\$4) sam | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:19 |

| 1 | "438"/\$.ccls. and (zno zinc adj oxide) same (terrac\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:20 |
|-------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| 130 | "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:20 |
| 77 | "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) same (heat\$4 temperature anneal\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:21 |
| 25 . | "438"/\$.ccls. and (zno zinc adj oxide) same (heat\$4 anneal\$4) with (smooth\$4 planar\$ flat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:29 |
| 125 | "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:31 |
| 2 | "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) same migra\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:31 |
| . 2 | "438"/\$.ccls. and (zno zinc adj oxide) with (planar\$) same migra\$ | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:31 |
| 89 | "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:45 |
| 68 | "438"/\$.ccls. and (zno zinc adj oxide) with (anneal\$) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 22:45 |
| 50506 | (zinc oxide zno) and sinter\$ | USPAT | OR | OFF | 2006/09/24 23:09 |
| 10714 | (zinc adj oxide zno) and sinter\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/24 23:09 |
| 2730 | (zinc adj oxide zno) same sinter\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/24 23:13 |
| 55 | "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/24 23:10 |
| 112 | (zinc adj oxide zno) same sinter\$ same vapor\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/24 23:13 |
| 55 | (zinc adj oxide zno) with sinter\$ same vapor\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/24 23:13 |
| 25774 | yttri\$ | USPAT | OR · | OFF | 2006/09/22 13:06 |
| 607 | yttri\$ and nitride with semiconductor | USPAT | OR | OFF | 2006/09/22 13:07 |
| 1226 | yttri\$ and nitride with semiconductor | US-PGPUB; USPAT | OR _. | OFF | 2006/09/22 13:07 |
| 1311 | yttri\$ and (inn indium adj nitride nitride with semiconductor) | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:08 |
| | 130 77 25 125 2 2 89 68 50506 10714 2730 55 112 55 25774 607 1226 | oxide) same (terrac\$4) 130 "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) 77 "438"/\$.ccls. and (zno zinc adj oxide) same (heat\$4 temperature anneal\$) 25 "438"/\$.ccls. and (zno zinc adj oxide) same (heat\$4 anneal\$4) with (smooth\$4 planar\$ flat\$4) 125 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) 2 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) same migra\$ 2 "438"/\$.ccls. and (zno zinc adj oxide) with (planar\$) same migra\$ 89 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) 68 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) 68 "438"/\$.ccls. and (zno zinc adj oxide) with (anneal\$) 50506 (zinc oxide zno) and sinter\$ 10714 (zinc adj oxide zno) same sinter\$ 2730 (zinc adj oxide zno) same sinter\$ 55 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 55 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 55 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 55 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 55 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 55 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 57 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 58 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 59 "438"/\$.ccls. and (zinc adj oxide zno) same sinter\$ 110 yttri\$ and nitride with semiconductor 1210 yttri\$ and nitride with semiconductor 1211 yttri\$ and (inn indium adj nitride) | oxide) same (terrac\$4) 130 "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) 77 "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) same (heat\$4 temperature anneal\$) 25 "438"/\$.ccls. and (zno zinc adj oxide) same (heat\$4 anneal\$4) with (smooth\$4 planar\$ flat\$4) 125 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) 126 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) 2 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) 2 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ glat\$4) 2 "438"/\$.ccls. and (zno zinc adj oxide) with (planar\$) same migra\$ 2 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) 3 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) 4 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) 5 "438"/\$.ccls. and (zno zinc adj oxide) with (anneal\$) 5 "438"/\$.ccls. and (zno zinc adj oxide) with (anneal\$) 5 "438"/\$.ccls. and (zno zinc adj oxide) with (anneal\$) 5 "438"/\$.ccls. and (zno zinc adj oxide) with (anneal\$) 5 "438"/\$.ccls. and (zno zinc adj oxide) with (zinc adj oxide zno) same sinter\$ 10714 (zinc adj oxide zno) same sinter\$ 10714 (zinc adj oxide zno) same sinter\$ 108-PGPUB; USPAT 109-PGPUB; USPAT 1109-PGPUB; USPAT 1110 (zinc adj oxide zno) with sinter\$ 1121 (zinc adj oxide zno) with sinter\$ 1222 (zinc adj oxide zno) with sinter\$ 12374 (zinc adj oxide zno) with sinter\$ 1248 (zinc adj oxide zno) with sinter\$ 1259 (zinc adj oxide zno) with sinter\$ 1260 (zinc oxide zno) with sinter\$ 12774 (zinc adj oxide zno) with sinter\$ 12874 (zinc adj oxide zno) with sinter\$ 12875 (zinc adj oxide zno) with sinter\$ 129877 (zinc adj oxide zno) with sinter\$ 1298787 (zinc adj oxide zno) with sinter\$ 1298797987 (zinc adj oxide zno) with sinter\$ 129877 (zinc adj oxide zno) with sinter\$ 129878 (zinc adj oxide zno) with sinter\$ 129879987 (zinc adj oxide zno) with sinter\$ 129877 (zinc adj oxide zno) with sinter\$ 129878 (zinc adj oxide zno) with sinter\$ 129879987 (zinc adj o | oxide) same (terrac\$4) 130 "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) 77 "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) 78 "438"/\$.ccls. and (zno zinc adj oxide) same (atomic\$) same (uspAT; usoCR 79 "438"/\$.ccls. and (zno zinc adj oxide) same (heat\$4 temperature anneal\$) uspAT; usoCR 20 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) 21 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$ flat\$4) uspAT; usoCR 22 "438"/\$.ccls. and (zno zinc adj oxide) with (planar\$) same migra\$ 23 "438"/\$.ccls. and (zno zinc adj oxide) with (planar\$) same migra\$ 24 "438"/\$.ccls. and (zno zinc adj oxide) with (planar\$) same migra\$ 25 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) uspAT; usoCR 26 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) uspAT; usoCR 27 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) uspAT; usoCR 89 "438"/\$.ccls. and (zno zinc adj oxide) with (smooth\$4 planar\$) uspAT; usoCR 107 (zinc adj oxide zno) and sinter\$ 107 (zinc adj oxide zno) and sinter\$ 107 (zinc adj oxide zno) same sinter\$ 108 (uspAT; usoCR 109 (uspAT) 100 (usp | 0xide) same (terrac\$4) |

| C | 1222 | () (m) () () () () () () () () | HC DCDHD | OB | 055 | 2005/00/22 12 25 |
|-----|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------|----------|------------------|
| S5 | 1322 | (ysz yttri\$) and (inn indium adj nitride nitride with semiconductor) | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:08 |
| S6 | 458 | (ysz yttri\$ with zircon\$) and (inn indium adj nitride nitride with semiconductor) | US-PGPUB; USPAT | OR . | OFF | 2006/09/22 13:09 |
| S7 | 459 | (ysz yzn yttri\$ with zircon\$) and (inn indium adj nitride nitride with semiconductor) | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:11 |
| S8 | 100675 | (ysz yzr yttri\$ with zircon\$) and (inn indium adj nitride nitride with semiconductor) (zno\$ zinc adj oxide zn adj o) | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:15 |
| S9 | 78 | (ysz yzr yttri\$ with zircon\$) and (inn indium adj nitride nitride with semiconductor) and (zno\$ zinc adj oxide zn adj o) | US-PGPUB; USPAT | OR . | OFF | 2006/09/22 17:28 |
| S10 | 2512 | ysz | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:15 |
| S11 | 1662 | ysz and yttria | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:15 |
| S12 | 82 | ysz and yttria and zno | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:15 |
| S13 | 9 | ysz and yttria and zno and gan | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:15 |
| S14 | 45 | (ysz yzr yttri\$ with zircon\$) and (inn indium adj nitride nitride with semiconductor) and (zno\$ zinc adj oxide zn adj o) and (axis plane) | US-PGPUB; USPAT | OR | OFF | 2006/09/22 13:23 |
| S15 | 21 | (ysz yzr yttri\$ with zircon\$) and (inn indium adj nitride nitride with semiconductor) and (zno\$ zinc adj oxide zn adj o) and (axis and plane) | US-PGPUB; USPAT | OR | OFF | 2006/09/22 15:41 |
| S16 | 20 | ("11162852" 11-162852 "162852") | US-PGPUB; USPAT; JPO | OR | OFF | 2006/09/22 13:37 |
| S17 | 3 | 09-45960 "0945960" "09045960" | US-PGPUB; USPAT; JPO | OR | OFF · | 2006/09/22 13:38 |
| S18 | 7 | - 08-255932 "08255932" 8-255935 "8255932" "080255932" | US-PGPUB; USPAT; JPO | OR | OFF | 2006/09/22 13:39 |
| S19 | 8 | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride) and (zno\$ zinc adj oxide zn adj o) and (axis and plane) | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:34 |

| S20 | 1696 | 10/265\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:00 |
|-----|------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----|-----|------------------|
| S21 | 174 | 10/2657\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:00 |
| S22 | 19 | 10/26571\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:01 |
| S23 | 2 | 10/265719\$ | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:01 |
| S24 | 13 | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride) and (zno\$ zinc adj oxide zn adj o) and ("111") | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:33 |
| S25 | 22 | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride) and ("111") | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:34 |
| S26 | 22 | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride) and "111" | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:36 |
| S27 | 48 | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride inn indiem adj nitride in adj n) and "111" | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:37 |
| S28 | 49 | (ysz yzr yttri\$ with zircon\$) and (ingan ni near ga near n indium adj gallium adj nitride inn indium adj nitride in adj n) and "111" | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:37 |
| S29 | 35 | (ysz yzr yttri\$ with zircon\$) and (inn indium adj nitride in adj n) and "111" | US-PGPUB; USPAT | OR | OFF | 2006/09/22 14:38 |
| S30 | 8 | (ysz yzr yttri\$ with zircon\$) and atomic adj step | US-PGPUB; USPAT | OR | ON | 2006/09/22 15:45 |
| S31 | 2890 | (ysz yzr yttri\$ with zircon\$) same (anneal\$ heat\$4) | US-PGPUB; USPAT | OR | ON | 2006/09/22 15:46 |
| S32 | 4 | (ysz yzr yttri\$ with zircon\$) with (anneal\$ heat\$4) and (indium adj nitride inn in adj n) and "111" | US-PGPUB; USPAT | OR | ON | 2006/09/22 15:46 |
| S33 | 82 | ("6045626").URPN. | USPAT | OR | OFF | 2006/09/22 17:26 |
| S34 | 82 | ("6045626").URPN. | USPAT | OR | OFF | 2006/09/22 17:27 |
| S35 | 12 | (ysz yzr yttri\$ with zircon\$) same (heat\$4 temperature anneal\$) and (inn indium adj nitride) | US-PGPUB; USPAT | OR | ON | 2006/09/22 17:33 |
| S36 | 2 | (ysz yzr yttri\$ with zircon\$) same (heat\$4 temperature anneal\$) and (inn indium adj nitride) same (ysz yzr yttri\$ with zircon\$) | US-PGPUB; USPAT | OR | ON | 2006/09/22 17:29 |

| S37 | 5539 | (ysz yzr yttri\$ with zircon\$) same (heat\$4 temperature anneal\$) | US-PGPUB; USPAT | OR | ON | 2006/09/22 17:33 |
|-----|------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|---------|----|------------------|
| S38 | 61 | "438"/\$.ccls. and (ysz yzr yttri\$ with zircon\$) with (heat\$4 temperature anneal\$) | US-PGPUB; USPAT | OR | ON | 2006/09/22 17:34 |
| S39 | 37 | "438"/\$.ccls. and (ysz yzr yttri\$ with zircon\$) with (heat\$4 temperature anneal\$) and nitride | US-PGPUB; USPAT | OR · | ON | 2006/09/22 17:50 |
| S40 | 24 | (ysz yzr yttri\$ with zircon\$) with (heat\$4 temperature anneal\$) and (inn indium adj nitride gan gallium adj nitride) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/22 18:43 |
| S41 | 24 | (ysz yzr yttri\$ with zircon\$) with (heat\$4 temperature anneal\$) and (inn indium adj nitride gan gallium adj nitride) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/22 18:43 |
| S42 | 10 | "6521929" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 14:42 |
| S43 | 221 | ferroelectric\$ same mim | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/22 18:45 |
| S44 | 122 | ferroelectric\$ with mim | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/22 18:45 |
| S45 | 363 | (indium adj nitride inn) same axis same "111" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 14:42 |
| S46 | 85 | (indium adj nitride inn) same c with axis same "111" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 14:42 |
| S47 | 1 | (indium adj nitride inn) same c with axis same "111" same (ysz ytrium) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 15:04 |

| S48 | 1 | "6045626".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON . | 2006/09/24 16:54 |
|-----|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----|------|------------------|
| S49 | 138340 | (zno zinc adj oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 16:54 |
| S50 | 3346 | (zno zinc adj oxide) and (gan galliu adj nitride) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 16:56 |
| S51 | 3346 | (zno zinc adj oxide) and (gan galliu adj nitride) and ("000-1" S49) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 16:57 |
| S52 | 1990 | (zno zinc adj oxide) same (gan galliu adj nitride) and ("000-1" S49) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON . | 2006/09/24 16:58 |
| S53 | 407 | (zno zinc adj oxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) and ("000-1" S49) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 16:59 |
| S54 | 407 | (zno zinc adj oxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) and ("000-1" S49) same (zno zinc adj oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | ON | 2006/09/24 16:59 |
| S55 | 395 | (zno zinc adj oxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) and ("000-1" S49) same (zno zinc adj oxide) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 16:59 |
| S56 | | (zno zinc adj oxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) and ("000-1" S49) same (zno zinc adj oxide) and (gan gallium adj nitride) with axis | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 17:15 |

| S57 | 23 | (zno zinc adj oxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) same (temperature degree celsius) and ("000-1" S49) same (zno zinc adj oxide) and (gan gallium adj nitride) with axis | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 17:30 |
|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|------------------|
| S58 | 125 | (zno zinc adj oxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) same (temperature degree celsius) and ("000-1" S49) same (zno zinc adj oxide) and (gan gallium adj nitride) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 17:30 |
| S59 | 34 | "438"/\$.ccls. and (zno zinc adjoxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) same (temperature degree celsius) and ("000-1" S49) same (zno zinc adjoxide) and (gan gallium adjnitride) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 18:20 |
| S60 | 29 | "438"/\$.ccls. and (zno zinc adj oxide) same (gan galliu adj nitride) same (cvd deposit\$4 sputter\$ pvd) with (temperature degree celsius) and ("000-1" S49) same (zno zinc adj oxide) and (gan gallium adj nitride) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/09/24 21:53 |